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Nudd, Hugh R.
"Optimized Performance from Coaxial Feeder Cables and Connectors for Wireless Systems," No. 7, p. 88.

Silverman, Larry
"The Bisection Theorem," No. 2, p. 116.

■ *WIRELESS SYMPOSIUM AND EXHIBITION*

Fifth Annual Wireless Exhibitor List, No. 1, p. 158.

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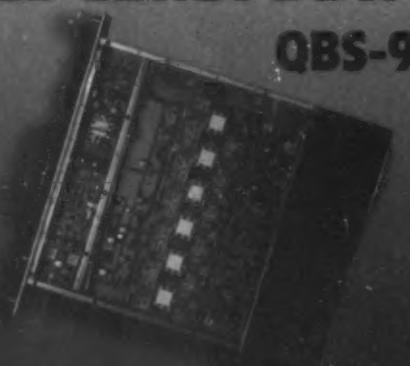
PCS CDMA 35W HPA

QBS-950



PARAMETER	Limit	Unit	Spec		Comment
			25°C	-10 to +60°C	
Frequency Range	typ	MHz	1930-1990		North American Band
Nominal Gain at 25°C	min	dB	45	-	
	max	dB	46	-	
CDMA Output Power Avg	min	dBm	+44.5	+44.0	
Gain Variation over Temp	p-p	dB	-	+/-1.0	
Gain Flatness over Freq	p-p	dB	1.0	-	
Gain Variation with input drive level	max	dB	-	+/-0.3	for a change of 20dB from Po=+46.5dBm
IMD Spectral Regrowth, Measured at +/- 885 KHz offset	max	dBc	-	-45	Measured over the entire voltage range (+21 to +30VDC), with a resolution bandwidth of 30Khz
Spectral Regrowth, Measured in the +/-1.25 MHz to +/- 2.25 MHz offset range	max	dBm	-	-8 (or -53.5 dBc max)	
Spectral Regrowth, Measured at offset frequencies above +/- 2.25 MHz	max	dBm	-	-21 (or -66.5 dBc max)	
Input Return Loss	min	dB	-	15 dB	on 50 ohms
Output Return Loss	min	dB	-	18 dB	on 50 ohms with isolator protection
Nominal Operating DC Voltage	min	VDC	-	+21	Applied to PIN A1 of the I/O Interface connector
	max	VDC	-	+30	
Current @ 27VDC	max	A	-	12	@ Po=+44.5dBm

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